

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"4656183".pn.	US-PGPUB; USPAT	OR	ON	2007/07/11 11:37
L2	714	546/290.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/11 08:53
L3	988	514/345.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/11 08:53
L4	166	I2 and I3	US-PGPUB; USPAT	OR	ON	2007/07/11 08:53
L5	499	I2 and pyridine	US-PGPUB; USPAT	OR	ON	2007/07/11 08:54
L6	136	I4 and pyridine	US-PGPUB; USPAT	OR	ON	2007/07/11 08:54
L7	432	I5 and phenyl	US-PGPUB; USPAT	OR	ON	2007/07/11 08:54
L8	147	I4 and phenyl	US-PGPUB; USPAT	OR	ON	2007/07/11 08:54
L9	0	I8 and oxalamide	US-PGPUB; USPAT	OR	ON	2007/07/11 08:55
L10	0	I7 and oxalamide	US-PGPUB; USPAT	OR	ON	2007/07/11 08:55
L11	0	I2 and oxalamide	US-PGPUB; USPAT	OR	ON	2007/07/11 08:55
L12	0	I2 and oxal and amide	US-PGPUB; USPAT	OR	ON	2007/07/11 08:56
L13	1235	oxalamide	US-PGPUB; USPAT	OR	ON	2007/07/11 08:56
L14	398	I13 and pyridine	US-PGPUB; USPAT	OR	ON	2007/07/11 08:56
L15	0	I14 and 546/290.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/11 08:57
L16	0	I14 and 514/290	US-PGPUB; USPAT	OR	ON	2007/07/11 08:57
L17	3	I14 and 514/345.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/11 08:57
L18	0	I14 and 546/290.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/11 08:57
L19	2	"563830".ap.	US-PGPUB; USPAT	OR	ON	2007/07/11 11:37

3/3 102b art

10/549,852 Yong Chu 07-11-2007

\$%^STN;HighlightOn=;HighlightOff=;

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PASSWORD :

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NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format  
NEWS 3 MAR 16 CASREACT coverage extended  
NEWS 4 MAR 20 MARPAT now updated daily  
NEWS 5 MAR 22 LWPII reloaded  
NEWS 6 MAR 30 RDISCLOSURE reloaded with enhancements  
NEWS 7 APR 02 JICST-EPLUS removed from database clusters and STN  
NEWS 8 APR 30 GENBANK reloaded and enhanced with Genome Project ID field  
NEWS 9 APR 30 CHEMCATS enhanced with 1.2 million new records  
NEWS 10 APR 30 CA/CAplus enhanced with 1870-1889 U.S. patent records  
NEWS 11 APR 30 INPADOC replaced by INPADOCDB on STN  
NEWS 12 MAY 01 New CAS web site launched  
NEWS 13 MAY 08 CA/CAplus Indian patent publication number format defined  
NEWS 14 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields  
NEWS 15 MAY 21 BIOSIS reloaded and enhanced with archival data  
NEWS 16 MAY 21 TOXCENTER enhanced with BIOSIS reload  
NEWS 17 MAY 21 CA/CAplus enhanced with additional kind codes for German patents  
NEWS 18 MAY 22 CA/CAplus enhanced with IPC reclassification in Japanese patents  
NEWS 19 JUN 27 CA/CAplus enhanced with pre-1967 CAS Registry Numbers  
NEWS 20 JUN 29 STN Viewer now available  
NEWS 21 JUN 29 STN Express, Version 8.2, now available  
NEWS 22 JUL 02 LEMBASE coverage updated  
NEWS 23 JUL 02 LMEDLINE coverage updated  
NEWS 24 JUL 02 SCISEARCH enhanced with complete author names  
NEWS 25 JUL 02 CHEMCATS accession numbers revised  
NEWS 26 JUL 02 CA/CAplus enhanced with utility model patents from China  
  
NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.  
  
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FILE 'REGISTRY' ENTERED AT 08:19:23 ON 11 JUL 2007  
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STRUCTURE FILE UPDATES: 9 JUL 2007 HIGHEST RN 941818-42-4  
DICTIONARY FILE UPDATES: 9 JUL 2007 HIGHEST RN 941818-42-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

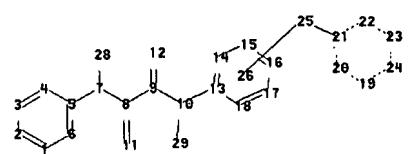
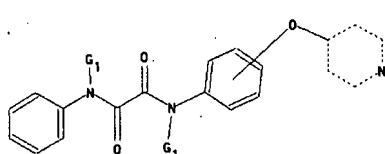
TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
Uploading C:\Documents and Settings\ychu\Desktop\Case\10549852\10549852.str



chain nodes :

7 8 9 10 11 12 25 28 29  
 ring nodes :  
 1 2 3 4 5 6 13 14 15 16 17 18 19 20 21 22 23 24  
 chain bonds :  
 5-7 7-8 7-28 8-9 8-11 9-10 9-12 10-13 10-29 21-25  
 ring bonds :  
 1-2 1-6 2-3 3-4 4-5 5-6 13-14 13-18 14-15 15-16 16-17 17-18 19-20 19-24  
 20-21 21-22 22-23 23-24  
 exact/norm bonds :  
 5-7 7-8 7-28 8-11 9-10 9-12 10-13 10-29 19-20 19-24 20-21 21-22 21-25  
 22-23 23-24  
 exact bonds :  
 8-9  
 normalized bonds :  
 1-2 1-6 2-3 3-4 4-5 5-6 13-14 13-18 14-15 15-16 16-17 17-18

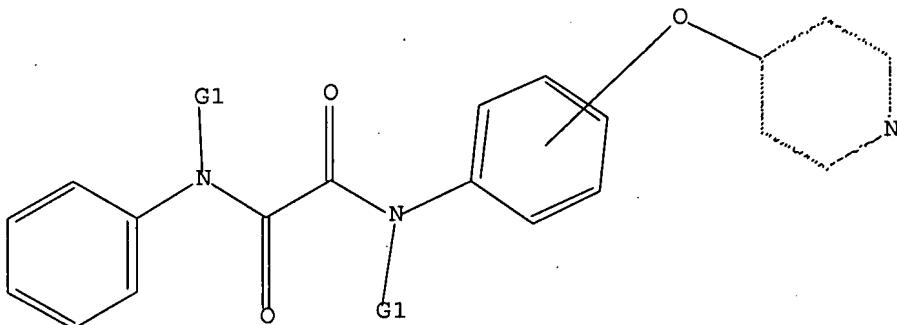
G1:H,CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :

1:Atom	2:Atom	3:Atom	4:Atom	5:Atom	6:Atom	7:CLASS	8:CLASS	9:CLASS	10:CLASS
11:CLASS	12:CLASS	13:Atom	14:Atom	15:Atom	16:Atom	17:Atom	18:Atom	19:Atom	20:Atom
21:Atom	22:Atom	23:Atom	24:Atom	25:CLASS	26:Atom	28:CLASS	29:CLASS		

L1 STRUCTURE UPLOADED

=> d  
 L1 HAS NO ANSWERS  
 L1 STR



G1 H,Me,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Structure attributes must be viewed using STN Express query preparation.

=> s 11  
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 SAMPLE SCREEN SEARCH COMPLETED - 66 TO ITERATE

100.0% PROCESSED

66 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 833 TO 1807  
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s 11 full  
FULL SEARCH INITIATED 08:19:57 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 1560 TO ITERATE

100.0% PROCESSED 1560 ITERATIONS 2 ANSWERS  
SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
FULL ESTIMATED COST ENTRY SESSION  
172.10 172.31

FILE 'CAPLUS' ENTERED AT 08:20:09 ON 11 JUL 2007  
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FILE COVERS 1907 - 11 Jul 2007 VOL 147 ISS 3  
FILE LAST UPDATED: 10 Jul 2007 (20070710/ED)

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=> s 13  
L4 2 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2004:817864 CAPLUS Full-text  
DOCUMENT NUMBER: 141:314164  
TITLE: prepn. of pyridinyloxyphenylethanediamide derivs. as  
RAF-kinase inhibitors  
INVENTOR(S): Buchstaller, Hans-Peter; Wiesner, Matthias; Zenke,  
Frank; Amendt, Christiane; Grell, Matthias;  
Sirrenberg, Christian

PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany  
 SOURCE: PCT Int. Appl., 197 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004085399	A1	20041007	WO 2004-EP2406	20040309
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004224239	A1	20041007	AU 2004-224239	20040309
CA 2520009	A1	20041007	CA 2004-2520009	20040309
EP 1606260	A1	20051221	EP 2004-718645	20040309
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
BR 2004007968	A	20060307	BR 2004-7968	20040309
CN 1764645	A	20060426	CN 2004-80007867	20040309
JP 2006521304	T	20060921	JP 2006-504603	20040309
US 2006189665	A1	20060824	US 2005-549852	20050923
PRIORITY APPLN. INFO.:			EP 2003-6702	A 20030324
			WO 2004-EP2406	W 20040309

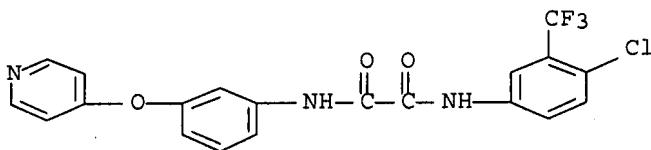
OTHER SOURCE(S): CASREACT 141:314164; MARPAT 141:314164

AB ADB [D = (substituted) bivalent oxamide moiety; A = L(ML1)a; L = 5-7 membered cyclic structure, preferably aryl, heteroaryl, arylene, heteroarylene; L1 = (substituted) cyclic moiety having at least 5 members, preferably aryl, heteroaryl, aralkyl, cycloalkyl, heterocyclyl; M = bond, bridging group; a = 1-4; L, L1 contain 0-4 N, O, S atoms; B = (substituted) up to tricyclic aryl, heteroaryl contg. 0-4 N, O, S atoms], were prep'd. for treatment of hyperproliferative and nonhyperproliferative disorders (no data). For example, reaction of N-(4-chloro-3-trifluoromethylphenyl)-2-oxoglycine (prepn. given) with 4-(4-pyridinyloxy)phenylamine yielded N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-(4-(4-pyridinyloxy)phenyl)ethanediamine.

IT 767358-35-0P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of pyridinyloxyphenylethanediamide derivs. as RAF-kinase inhibitors)

RN 767358-35-0 CAPLUS

CN Ethanediamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-(3-(4-pyridinyloxy)phenyl)- (9CI) (CA INDEX NAME)

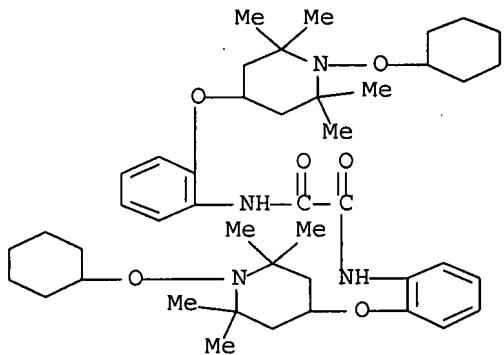


REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1991:63535 CAPLUS Full-text  
DOCUMENT NUMBER: 114:63535  
TITLE: Light-stabilizers for polymers containing hindered  
amine and light-absorbing groups  
INVENTOR(S): Ravichandran, Ramanathan; Galbo, James P.  
PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.  
SOURCE: Eur. Pat. Appl., 26 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 389427	A2	19900926	EP 1990-810195	19900313
EP 389427	A3	19911127		
EP 389427	B1	19940427		
R: DE, FR, GB, IT				
US 5021478	A	19910604	US 1990-479880	19900214
CA 2012503	A1	19900921	CA 1990-2012503	19900319
CA 2012503	C	20000118		
JP 02300168	A	19901212	JP 1990-73181	19900322
JP 2860589	B2	19990224		
PRIORITY APPN. INFO.:			US 1989-326848	A 19890321

PRICRITY ATTN: INFO.. MARPAT 114:63535  
OTHER SOURCE(S):  
AB The title compds. are less basic than other stabilizers and so do not relate curing. Refluxing Me 3-benzotriazol-2-yl-5-tert-butyl-4-hydroxyhydrocinnamate 30.0 and 4-hydroxy-1-methoxy-2,2,6,6-tetramethylpiperidine 19.1 g in xylene with distn. of H<sub>2</sub>O, cooling to 100.degree., adding LiNH<sub>2</sub>, and refluxing 16 h with distn. of MeOH gave 24.5 g 1-methoxy-2,2,6,6-tetramethylpiperidin-4-yl 3-benzotriazol-2-yl-5- tert-butyl 4-hydroxyhydrocinnamate.  
IT 131806-98-9P  
RL: PREP (Preparation)  
(light stabilizers for polymers, manuf. of)  
RN 131806-98-9 CAPLUS  
CN Ethanediamide, N,N'-bis[2-[[1-(cyclohexyloxy)-2,2,6,6-tetramethyl-4-piperidinyl]oxyl]phenyl] - (9CI) (CA INDEX NAME)



=> file reg  
 COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
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FULL ESTIMATED COST	13.83	186.14
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

	SINCE FILE ENTRY	TOTAL SESSION
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CA SUBSCRIBER PRICE	-1.56	-1.56
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 DICTIONARY FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5

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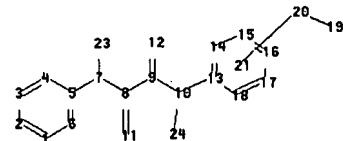
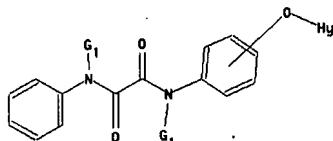
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 on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
 Uploading C:\Documents and Settings\ychu\Desktop\Case\10549852\10549852A.str



chain nodes :

7 8 9 10 11 12 19 20 23 24

ring nodes :

1 2 3 4 5 6 13 14 15 16 17 18

chain bonds :

5-7 7-8 7-23 8-9 8-11 9-10 9-12 10-13 10-24 19-20

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 13-14 13-18 14-15 15-16 16-17 17-18

exact/norm bonds :

5-7 7-8 7-23 8-11 9-10 9-12 10-13 10-24 19-20

exact bonds :

8-9

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 13-14 13-18 14-15 15-16 16-17 17-18

G1:H,CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
 11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom  
 20:CLASS 21:Atom  
 23:CLASS 24:CLASS

Generic attributes :

19:

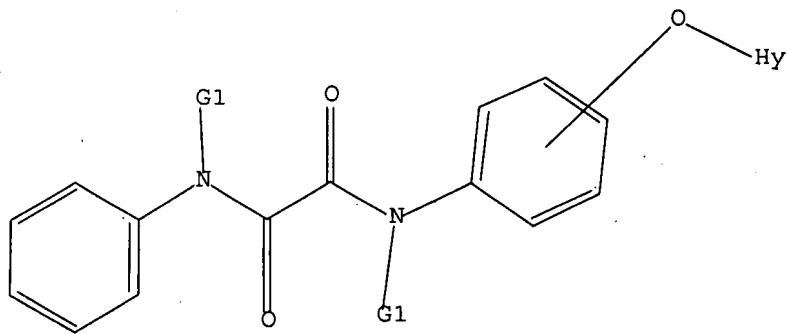
Saturation : Unsaturated

L5 STRUCTURE UPLOADED

=> d

L5 HAS NO ANSWERS

L5 STR



G1 H,Me,CH<sub>2</sub>,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 08:25:05 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 2182 TO ITERATE

91.7% PROCESSED 2000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 40838 TO 46442  
PROJECTED ANSWERS: 1 TO 83

L6 1 SEA SSS SAM L5

=> s 15 full  
FULL SEARCH INITIATED 08:25:14 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 44349 TO ITERATE

100.0% PROCESSED 44349 ITERATIONS  
SEARCH TIME: 00.00.05

8 ANSWERS

L7 8 SEA SSS FUL L5

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 172.10 358.24  
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL  
ENTRY SESSION  
CA SUBSCRIBER PRICE 0.00 -1.56

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FILE LAST UPDATED: 10 Jul 2007 (20070710/ED)

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=> s 17  
L8 3 L7

=> d ibib abs hitstr tot

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2004:817864 CAPLUS Full-text  
DOCUMENT NUMBER: 141:314164  
TITLE: prepn. of pyridinyloxyphenylethanediamide derivs. as  
RAF-kinase inhibitors  
INVENTOR(S): Buchstaller, Hans-Peter; Wiesner, Matthias; Zenke,  
Frank; Amendt, Christiane; Grell, Matthias;  
Sirrenberg, Christian  
PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany  
SOURCE: PCT Int. Appl., 197 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004085399	A1	20041007	WO 2004-EP2406	20040309
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
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CA 2520009	A1	20041007	CA 2004-2520009	20040309
EP 1606260	A1	20051221	EP 2004-718645	20040309
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK			
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CN 1764645	A	20060426	CN 2004-80007867	20040309

JP 2006521304	T 20060921	JP 2006-504603	20040309
US 2006189665	A1 20060824	US 2005-549852	20050923
PRIORITY APPLN. INFO.:		EP 2003-6702	A 20030324
		WO 2004-EP2406	W 20040309

OTHER SOURCE(S): CASREACT 141:314164; MARPAT 141:314164

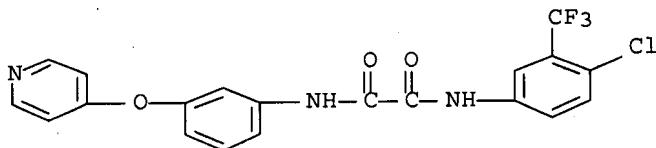
AB ADB [D = (substituted) bivalent oxamide moiety; A = L(ML<sub>1</sub>)a; L = 5-7 membered cyclic structure, preferably aryl, heteroaryl, arylene, heteroarylene; L<sub>1</sub> = (substituted) cyclic moiety having at least 5 members, preferably aryl, heteroaryl, aralkyl, cycloalkyl, heterocyclyl; M = bond, bridging group; a = 1-4; L, L<sub>1</sub> contain 0-4 N, O, S atoms; B = (substituted) up to tricyclic aryl, heteroaryl contg. 0-4 N, O, S atoms], were prep'd. for treatment of hyperproliferative and nonhyperproliferative disorders (no data). For example, reaction of N-(4-chloro-3-trifluoromethylphenyl)-2-oxoglycine (prepn. given) with 4-(4-pyridinyloxy)phenylamine yielded N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-(4-(4-pyridinyloxy)phenyl)ethanediamine.

IT 767358-35-0P 767358-37-2P 767358-40-7P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of pyridinyloxyphenylethanediamide derivs. as RAF-kinase inhibitors)

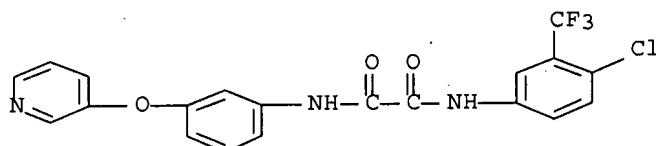
RN 767358-35-0 CAPLUS

CN Ethanediamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-(3-(4-pyridinyloxy)phenyl)- (9CI) (CA INDEX NAME)



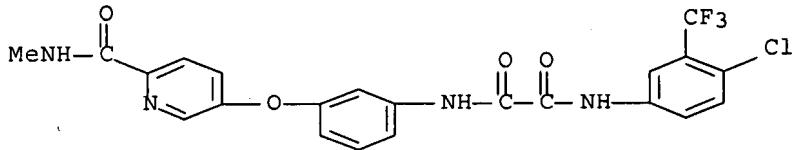
RN 767358-37-2 CAPLUS

CN Ethanediamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-(3-(3-pyridinyloxy)phenyl)- (9CI) (CA INDEX NAME)



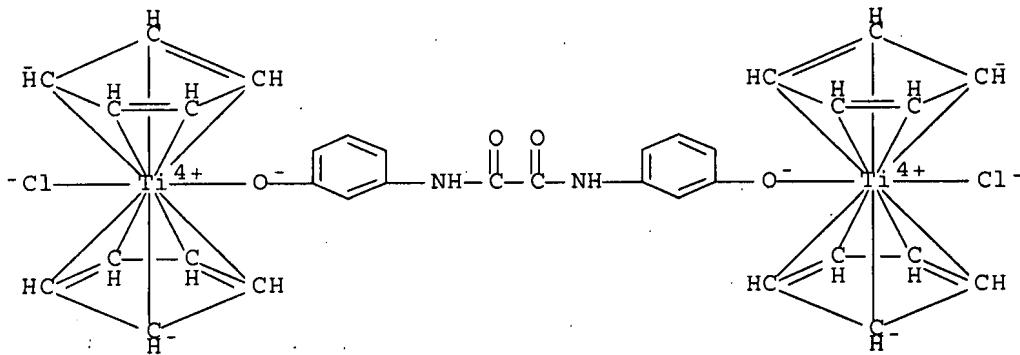
RN 767358-40-7 CAPLUS

CN Ethanediamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-(3-[(6-[(methylamino)carbonyl]-3-pyridinyl)oxy]phenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1992:426712 CAPLUS Full-text  
 DOCUMENT NUMBER: 117:26712  
 TITLE: Some substitution reactions of ligands coordinated to the bis(cyclopentadienyl)titanium moiety, the x-ray crystal structure of  $Ti(\eta.5-C_5H_5)_2(OPh)_2$  and an assessment of the anti-tumor activity of some cyclopentadienyltitanium compounds  
 AUTHOR(S): Kalirai, Balraj S.; Foulon, Jean Dominique; Hamor, Thomas A.; Jones, Christopher J.; Berr, Paul D.; Fricker, Simon P.  
 CORPORATE SOURCE: Sch. Chem., Univ. Birmingham, Edgbaston/Birmingham, B15 2TT, UK  
 SOURCE: Polyhedron (1991), 10(16), 1847-56  
 CODEN: PLYHDE; ISSN: 0277-5387  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 AB The new complexes  $Ti(\eta.5-C_5H_5)Cl(OC_6H_4NH_2-3)_2$ ,  $Ti(\eta.5-C_5H_5)Cl(O_2CPh)_2$ ,  $Ti(\eta.5-C_5H_5)_2(O_2C(S)C_6H_4-1,2)$ ,  $Ti(\eta.5-C_5H_5)_2Cl(SC_6H_4OH-4)$ ,  $Ti(\eta.5-C_5H_5)_2(OC_6H_4NH_2-3)_2$  and  $Ti(\eta.5-C_5H_5)_2Cl(OC_6H_4Z)$  ( $Z = NO_2-2$ ,  $NO_2-3$ ,  $NO_2-4$ ,  $NH_2-3$ ) have been synthesized. The free amine group in  $Ti(\eta.5-C_5H_5)_2Cl(OC_6H_4NH_2-3)$  reacts with  $RC_1$  [ $R = MeCO$ ,  $PhCO$ ,  $(OCCO)_12$ ,  $Br(CH_2)_3CO$ ] in the presence of base to give  $Ti(\eta.5-C_5H_5)_2Cl(R)$  but, in the absence of base,  $PhCOCl$  reacts to give  $PhCONHC_6H_4OH-3$  and  $Ti(\eta.5-C_5H_5)_2Cl_2$ . The x-ray crystal structure of  $Ti(\eta.5-C_5H_5)_2(OPh)_2$  has been detd. and reveals a pseudo-tetrahedral arrangement of the two  $\eta.5$ -cyclopentadienyl and two phenoxide ligands around titanium. The  $Ti-O(Ph)$  distances are  $1.907(3)$  .ANG. and  $O-Ti-O$  is  $98.1(2)$ . The antitumor activities of  $Ti(\eta.5-C_5H_5)Cl(OC_6H_4NH_2-3)_2$ ,  $Ti(\eta.5-C_5H_5)Cl(O_2CPh)_2$  and  $Ti(\eta.5-C_5H_5)_2[O_2C(S)C_6H_4-1,2]$  have been assessed in vitro using a panel of seven human tumor cell lines.  
 IT 138795-91-2P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prep. of)  
 RN 138795-91-2 CAPLUS  
 CN Titanium, [.mu.-[N,N'-bis(3-hydroxyphenyl)ethanediimido(2-)-ON:ON']]dichlorotetrakis(.eta.5-2,4-cyclopentadien-1-yl)di- (9CI) (CA INDEX NAME)



L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1985:541636 CAPLUS Full-text

DOCUMENT NUMBER: 103:141636

TITLE: Pesticidal oxaryl anilides

INVENTOR(S): Boger, Manfred; Drabek, Jozef; Neumann, Rainer

PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.

SOURCE: Brit. UK Pat. Appl., 29 pp.

CODEN: BAXXDU

DOCUMENT TYPE: Patent

LANGUAGE: English

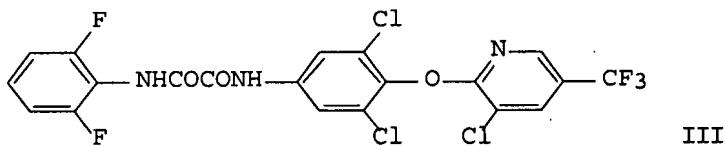
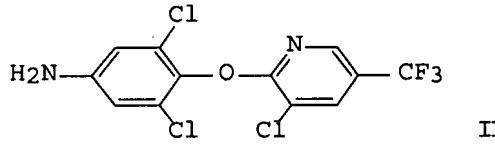
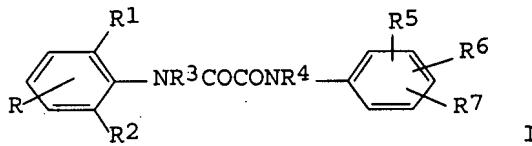
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2145716	A	19850403	GB 1984-21434	19840823
GB 2145716	B	19880203		
EP 138757	A1	19850424	EP 1984-810411	19840820
EP 138757	B1	19891018		
R: AT, BE, CH, DE, FR, IT, LI, NL				
AT 47384	T	19891115	AT 1984-810411	19840820
IL 72759	A	19880531	IL 1984-72759	19840823
AU 8432380	A	19850228	AU 1984-32380	19840824
AU 583015	B2	19890420		
ES 535390	A1	19850716	ES 1984-535390	19840824
BR 8404241	A	19850723	BR 1984-4241	19840824
ZA 8406616	A	19850828	ZA 1984-6616	19840824
CA 1245665	A1	19881129	CA 1984-461743	19840824
JP 60084250	A	19850513	JP 1984-178168	19840827
US 4656183	A	19870407	US 1984-644463	19840827
PRIORITY APPLN. INFO.:				
		CH 1983-4670	A 19830826	
		CH 1984-1525	A 19840327	
		EP 1984-810411	A 19840820	

OTHER SOURCE(S): MARPAT 103:141636

GI



AB      Oxanilides I [R = H, halogen, alkyl, MeO, EtO, F1-5-fluoroalkoxy; R1 = H, halogen, Me, MeO, EtO, F1-5-fluoroalkoxy, alkylthio, cyano; R2 = H, halogen, Me, MeO; R3, R4 = H, Me; R5 = H, halogen, Me, Ac, CF3; R6 = H, halogen, Me, CF3, carbalkoxy; R7 = H, F1-7-fluoroalkyl, alkoxy, haloalkoxy with 1-7 halogens, dialkylamino, (un)substituted 2-pyridyloxy, PhO, PhS] were prep'd. Thus, (pyridyloxy)aniline II reacted with 2,6-F2C6H3NHCOCO2Me to give oxanilide III. At 12.5 ppm on cotton, III gave 80-100% kill of larval Spodoptera littoralis after 120 h. I also gave .gtoreq.50-60% kill of Tetranychus urticae on green beans.

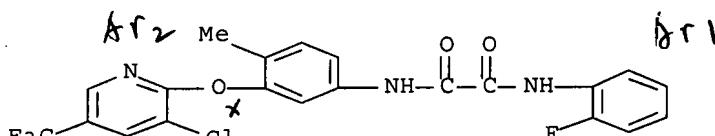
IT      98500-24-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. and pesticidal activity of)

RN      98500-24-4 CAPLUS

CN      Ethanediamide, N-[3-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]oxy]-4-methylphenyl]-N'-(2-fluorophenyl)- (9CI) (CA INDEX NAME)

$R_9 = H, Me$



$R^0 = H, X, CX_3$

$R^8 = X, CX_3, H$

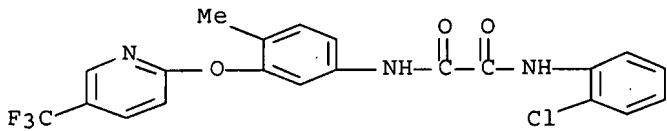
35

IT      98499-96-8P 98500-23-3P 98500-25-5P

RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)

RN      98499-96-8 CAPLUS

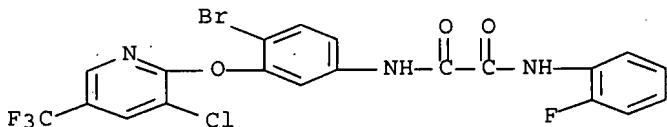
CN      Ethanediamide, N-(2-chlorophenyl)-N'-(4-methyl-3-[[5-(trifluoromethyl)-2-pyridinyl]oxy]phenyl)- (9CI) (CA INDEX NAME)



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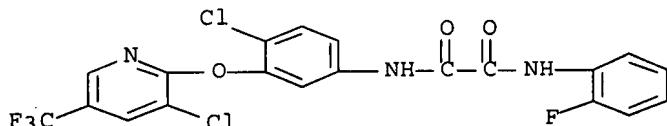
RN 98500-23-3 CAPLUS

CN Ethanediamide, N-[4-bromo-3-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]oxy]phenyl]-N'-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 98500-25-5 CAPLUS

CN Ethanediamide, N-[4-chloro-3-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]oxy]phenyl]-N'-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



=>

---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	17.22	375.46
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.34	-3.90

STN INTERNATIONAL LOGOFF AT 08:27:13 ON 11 JUL 2007